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*With the 12-inch Equatorial.*

I.....	9 <sup>h</sup> 16 <sup>m</sup> 10 <sup>s</sup> .1;	E. E. BARNARD.
II.....	9 17 11.4;	"
Center <i>Immersion</i> ..	9 16 40.7;	"
III.....	10 32 30.3;	"
IV.....	10 33 26.8;	"
Center <i>Emersion</i> ..	10 32 58.5;	"
Duration .....	1 16 17.8.	

*With the 6½-inch Equatorial.*

I.....	9 <sup>h</sup> 16 <sup>m</sup> 11 <sup>s</sup> .5;	C. BURCKHALTER.
II.....	9 17 12.5;	"
Center <i>Immersion</i> ..	9 16 42.0;	"
III.....	10 32 33.3;	"
IV.....	10 33 30.3;	"
Center <i>Emersion</i> ..	10 33 1.8;	"
Duration .....	1 16 19.8.	

"The following limb of *Mars* appeared to lag 1<sup>s</sup>" at Contact II.

*With the ¾-inch Portable Telescope.*

I.....	Time not recorded.	
II.....	9 <sup>h</sup> 17 <sup>m</sup> 8 <sup>s</sup> ;	F. R. ZIEL.
III.....	10 32 38 ;	"
IV.....	10 33 30 ;	"
Center <i>Emersion</i> ..	10 33 4 ;	"

*With the Naked Eye.*

*Emersion* took place 23½ seconds after Contact IV. Observers, C. BURCKHALTER and (independently) Rev. M. C. WILCOX.

CORRECTIONS OF THE LICK OBSERVATORY TIME-SIGNALS.

As the Lick Observatory time-signals might be used by others for the observation of this phenomenon, Mr. S. D. TOWNLEY took especial pains to have the transmitting clock right at the time of the noon-signal.

Its correction at noon, September 3 was + 0<sup>s</sup>.01.  
 " " " " " 4 was + 0.02.